

# Harvard Square Design Project

An aerial photograph of Harvard Square in Cambridge, Massachusetts. The square is a large, open area with a circular traffic pattern. In the background, there are several historic brick buildings with multiple stories and many windows. One building on the right has the word "ALBIANI" visible above its entrance. In the foreground, there is a construction site with various materials, equipment, and workers. The overall scene is a mix of historic architecture and modern urban development.

## City of Cambridge Community Development Department

*In Association With:*  
*TAMS Consultants, Inc.*  
*Edwards & Kelcey, Inc.*  
*Halvorson Design Partnership*  
*Ripman Lighting Consultants*

**Community Meeting – November 21, 2002**

# AGENDA

- 1. *INTRODUCTIONS / PROJECT BACKGROUND***
- 2. *OPTIONS FOR CIRCULATION CHANGES***
- 3. *BREAK***
- 4. *SMALL GROUP DISCUSSIONS***
- 5. *REPORTING BACK***
- 6. *NEXT STEPS***

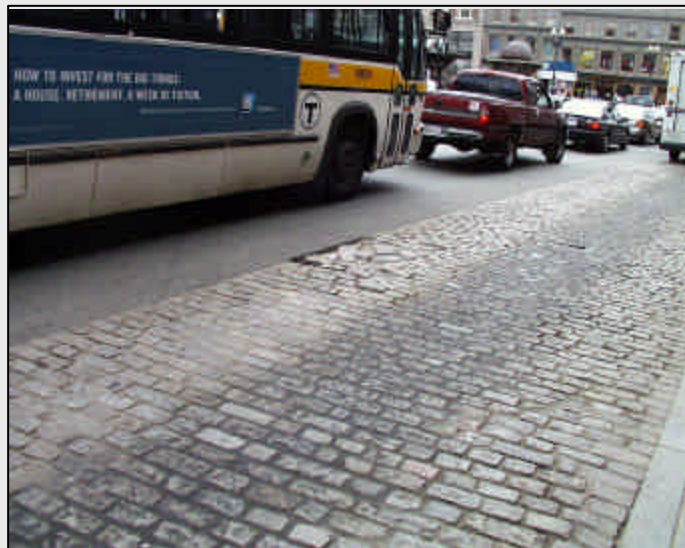
# HARVARD SQUARE DESIGN COMMITTEE

- ***16 MEMBERS***
- ***BUSINESSES***
- ***RESIDENTS***
- ***INSTITUTIONS***
- ***HARVARD UNIVERSITY STUDENT***
- ***CITY STANDING COMMITTEES***

# SCHEDULE

- ***COMMITTEE BEGAN MEETING IN APRIL 2002***
- ***DESIGN THROUGH SUMMER 2003***
- ***CONSTRUCTION (FIRST PHASE) FALL 2003 /  
SPRING 2004***

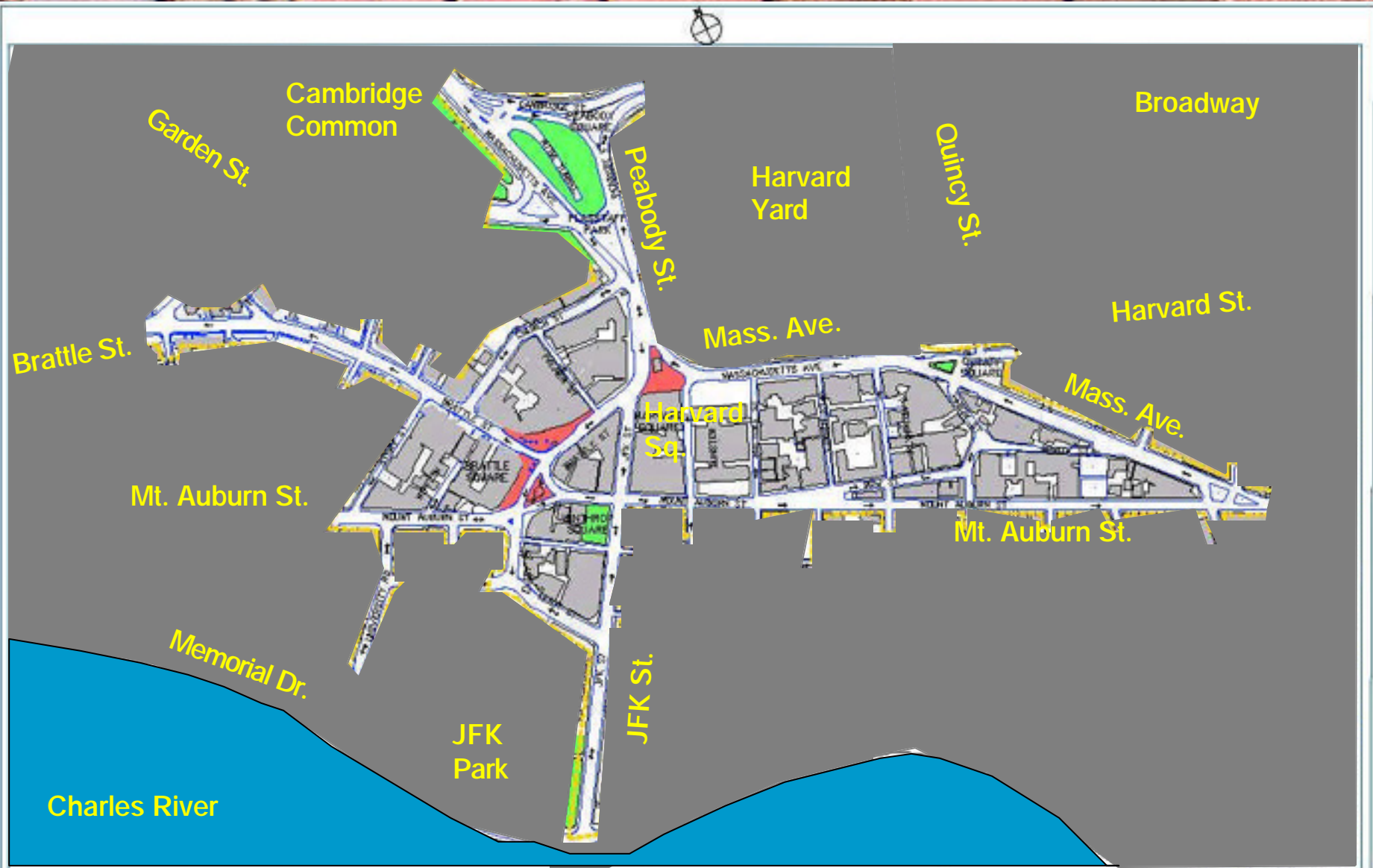
# BASIC INFRASTRUCTURE IMPROVEMENTS



# OPPORTUNITY: ENHANCE THE SQUARE FOR ALL USERS



# PROJECT AREA



HARVARD SQUARE DESIGN PROJECT

TAMS

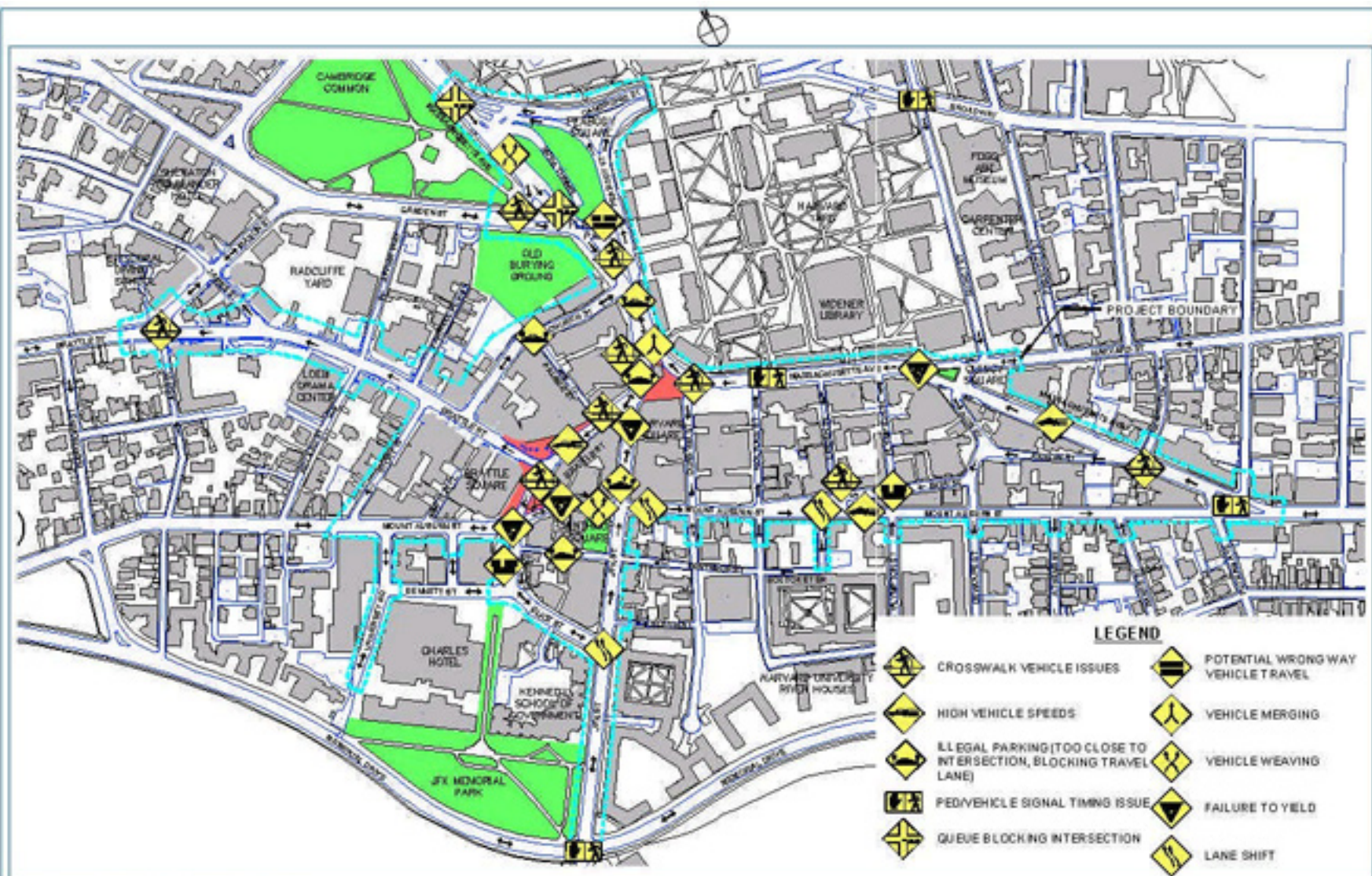


City of Cambridge  
June 26, 2002

# SHORT-TERM IMPROVEMENTS

- ***BENCHES***
- ***LANDSCAPING***
- ***BIKE PARKING***
- ***LIGHTING***

# EXISTING ISSUES



HARVARD SQUARE DESIGN PROJECT

TAMS

THE SHAWMUT CENTER

800 MAIN STREET, SUITE 200  
BOSTON, MASSACHUSETTS 02114-1107

EXISTING ISSUES

0 50 100 200

City of Cambridge

# WHY STUDY CIRCULATION ALTERNATIVES?

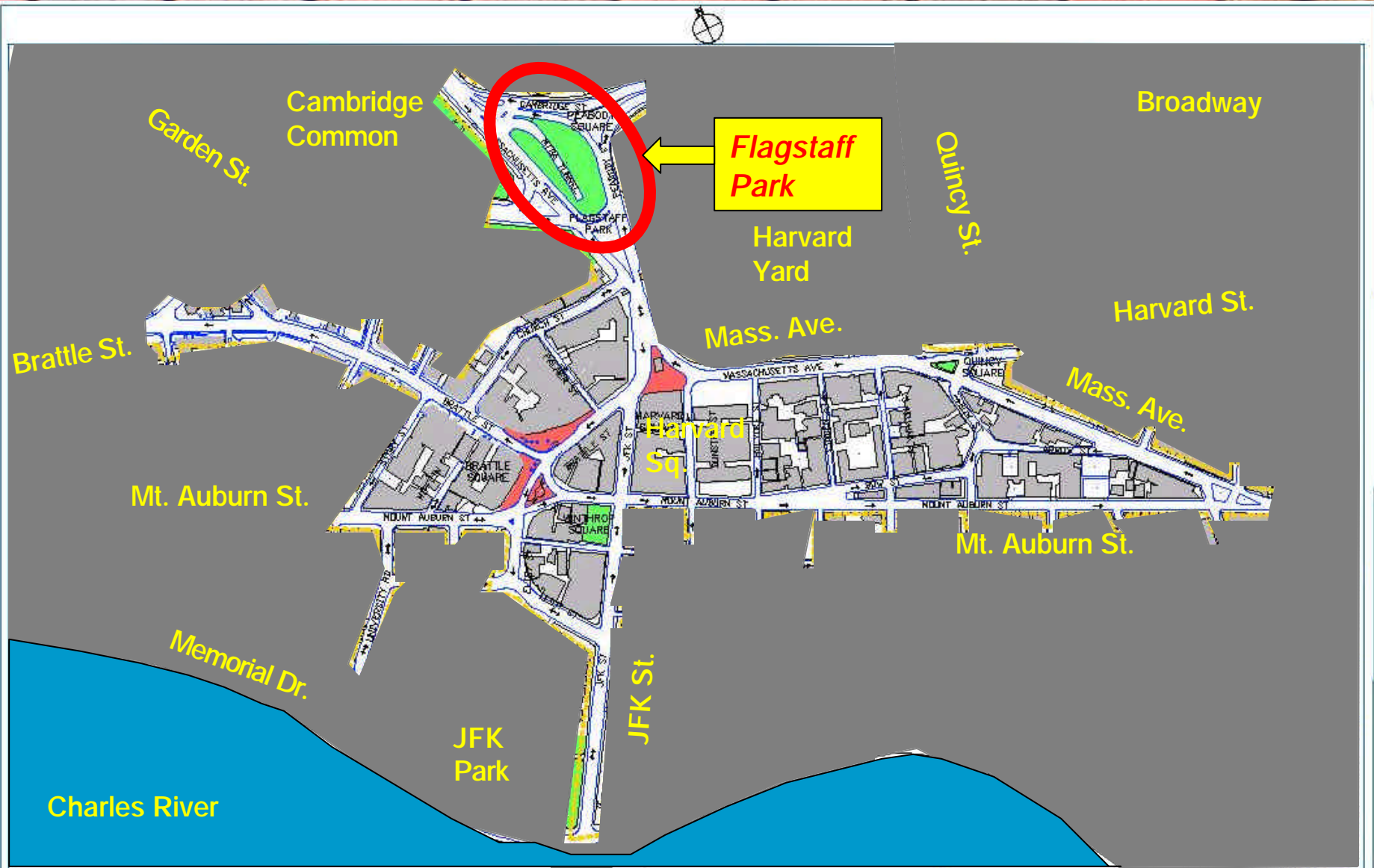
- ***Determine Minimum Number of Travel Lanes Needed***
  - ***Determine Street Directions***

- 
- ***Determine What to Do With Extra Space***

# TRAFFIC ANALYSIS

- ***VOLUMES AND CIRCULATION***
- ***SIGNALS VS. STOP SIGNS***
- ***PEDESTRIANS, CYCLISTS AND MOTORISTS***

# FLAGSTAFF PARK CONNECTION



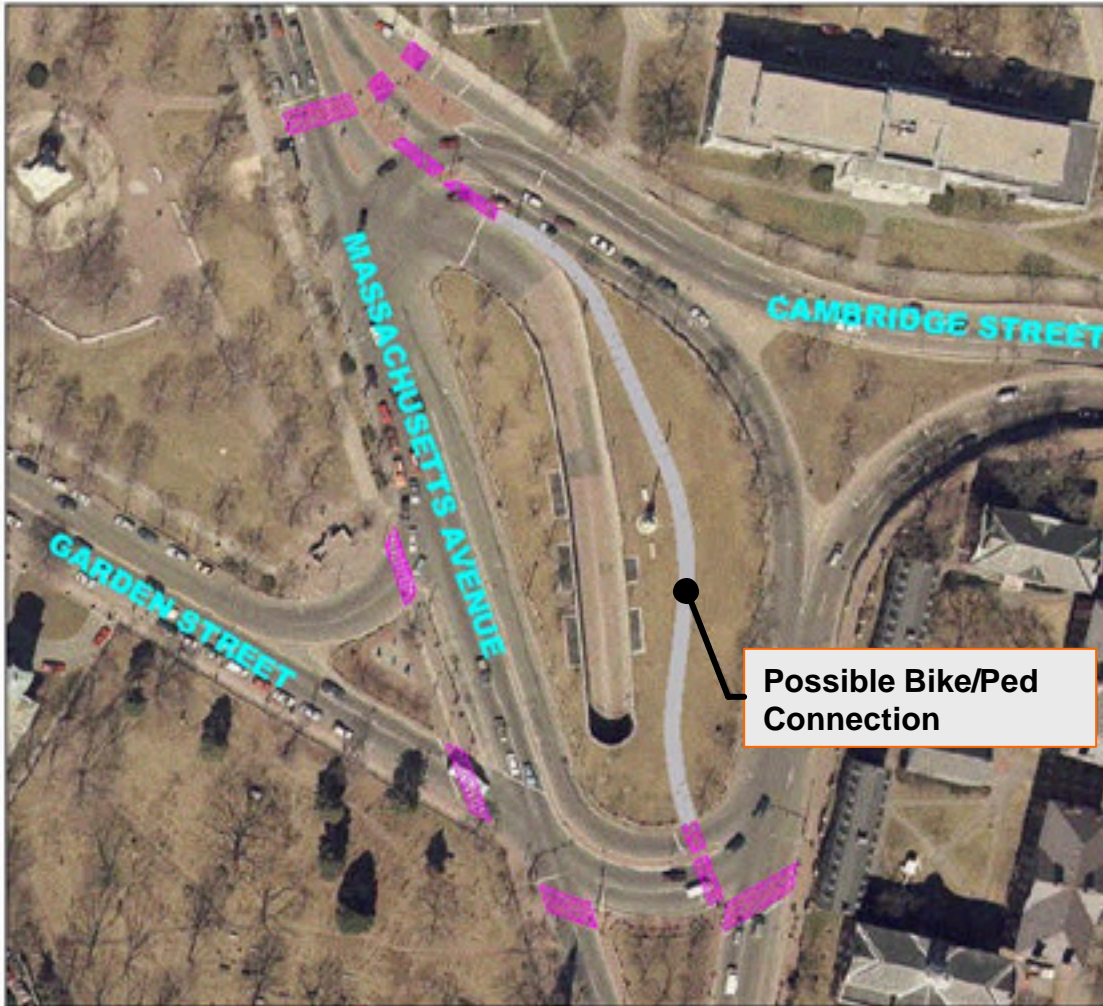
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# FLAGSTAFF PARK CONNECTION



Garden St. Entrance to  
Flagstaff Park

- *Alternate Route for Bikes/Peds between Harvard Sq. and North Mass. Ave (Porter Sq.)*
- *Opens-Up Currently Underutilized Space*



**TAMS** *Edwards  
and Kelcey*

GRAPHIC SCALE 1" = 50' HORIZONTAL

October 17, 2002

# BASIC IMPROVEMENTS



HARVARD SQUARE DESIGN PROJECT

TAMS

City of Cambridge  
June 26, 2002

# BASIC IMPROVEMENTS

- ***Provides Missing Crosswalks***
- ***Narrows the Pavement Where Possible***
- ***Optimizes Intersection Control (Stop Signs vs. Signals)***
- ***Improves Alignment of Travel Lanes and Vehicle Merges***





# BASIC IMPROVEMENTS

## OUT-OF-TOWN NEWS

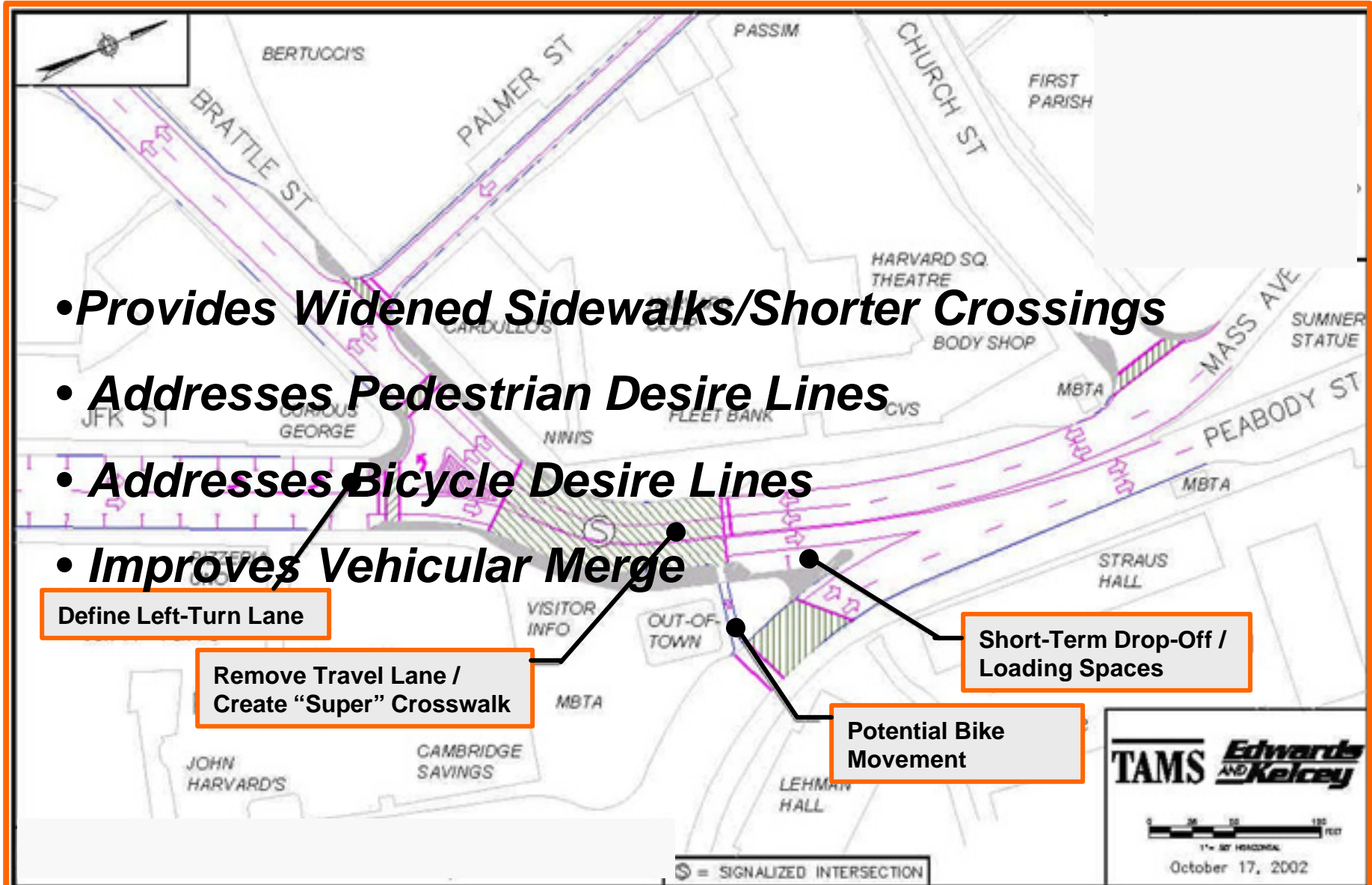
- *Provides Widened Sidewalks/Shorter Crossings*
- *Addresses Pedestrian Desire Lines*
- *Addresses Bicycle Desire Lines*
- *Improves Vehicular Merge*

Define Left-Turn Lane

Remove Travel Lane /  
Create "Super" Crosswalk

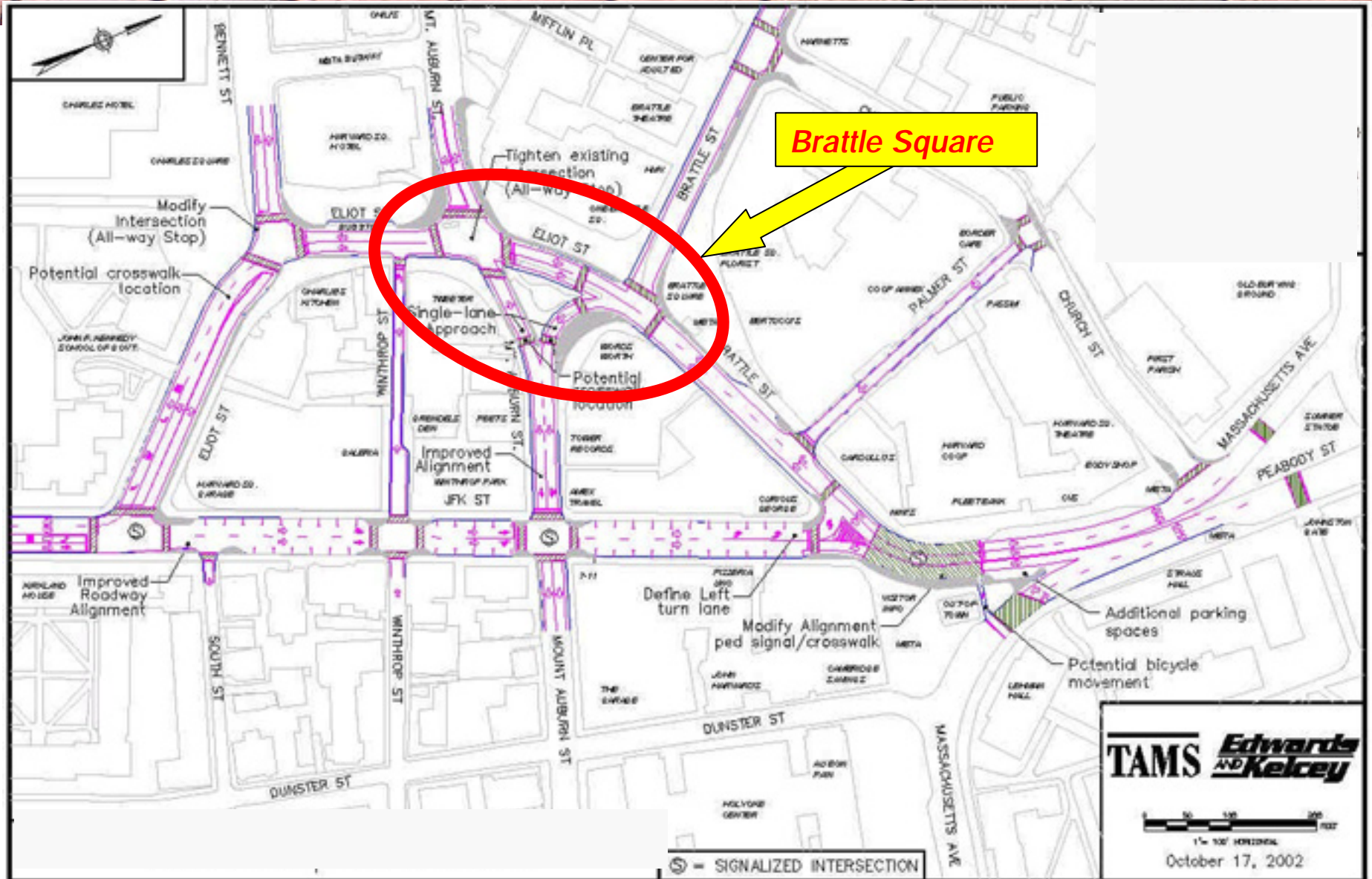
Short-Term Drop-Off /  
Loading Spaces

Potential Bike  
Movement



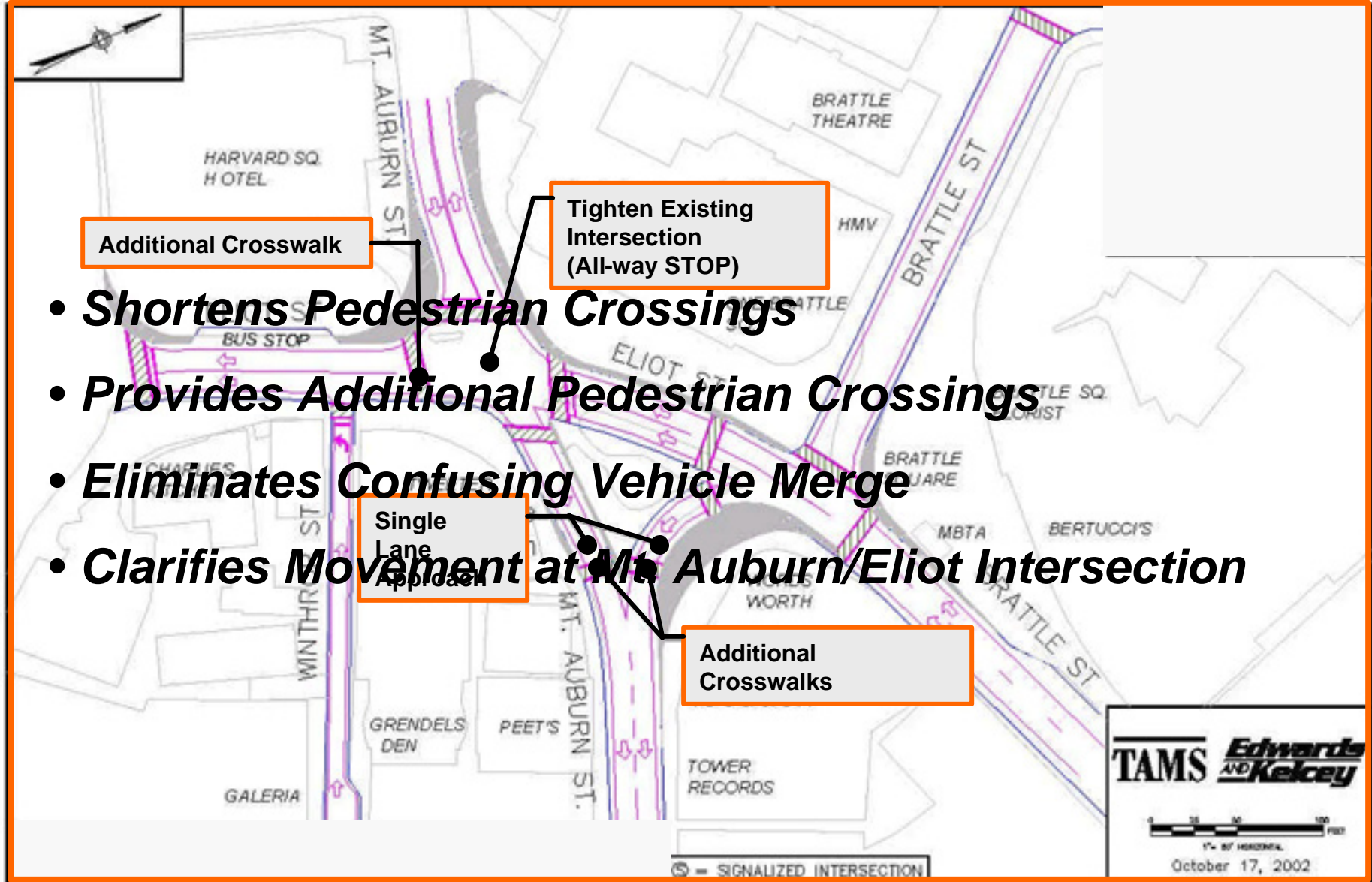
# BASIC IMPROVEMENTS

3

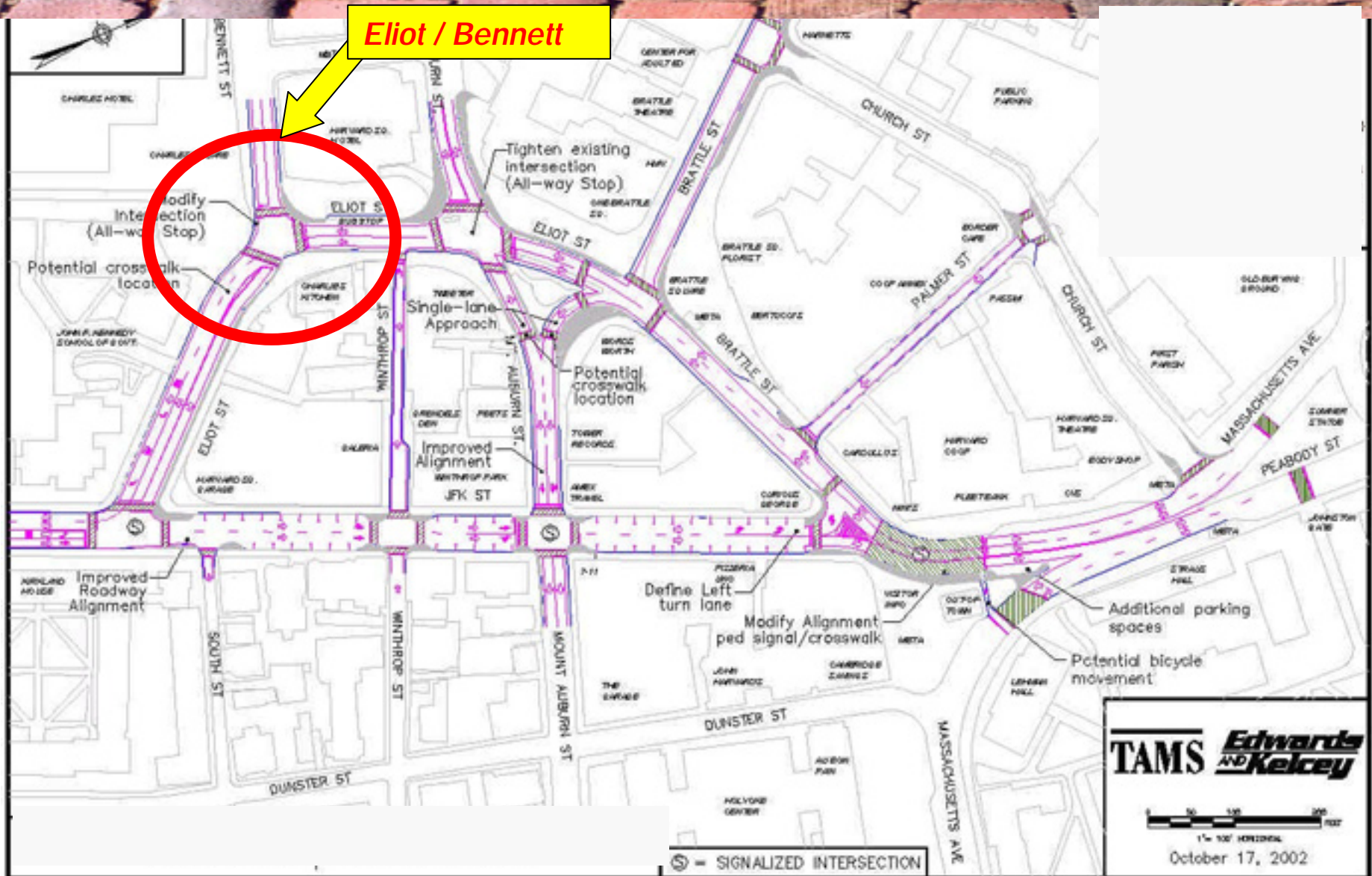


# BASIC IMPROVEMENTS

## BRATTLE SQUARE



# BASIC IMPROVEMENTS



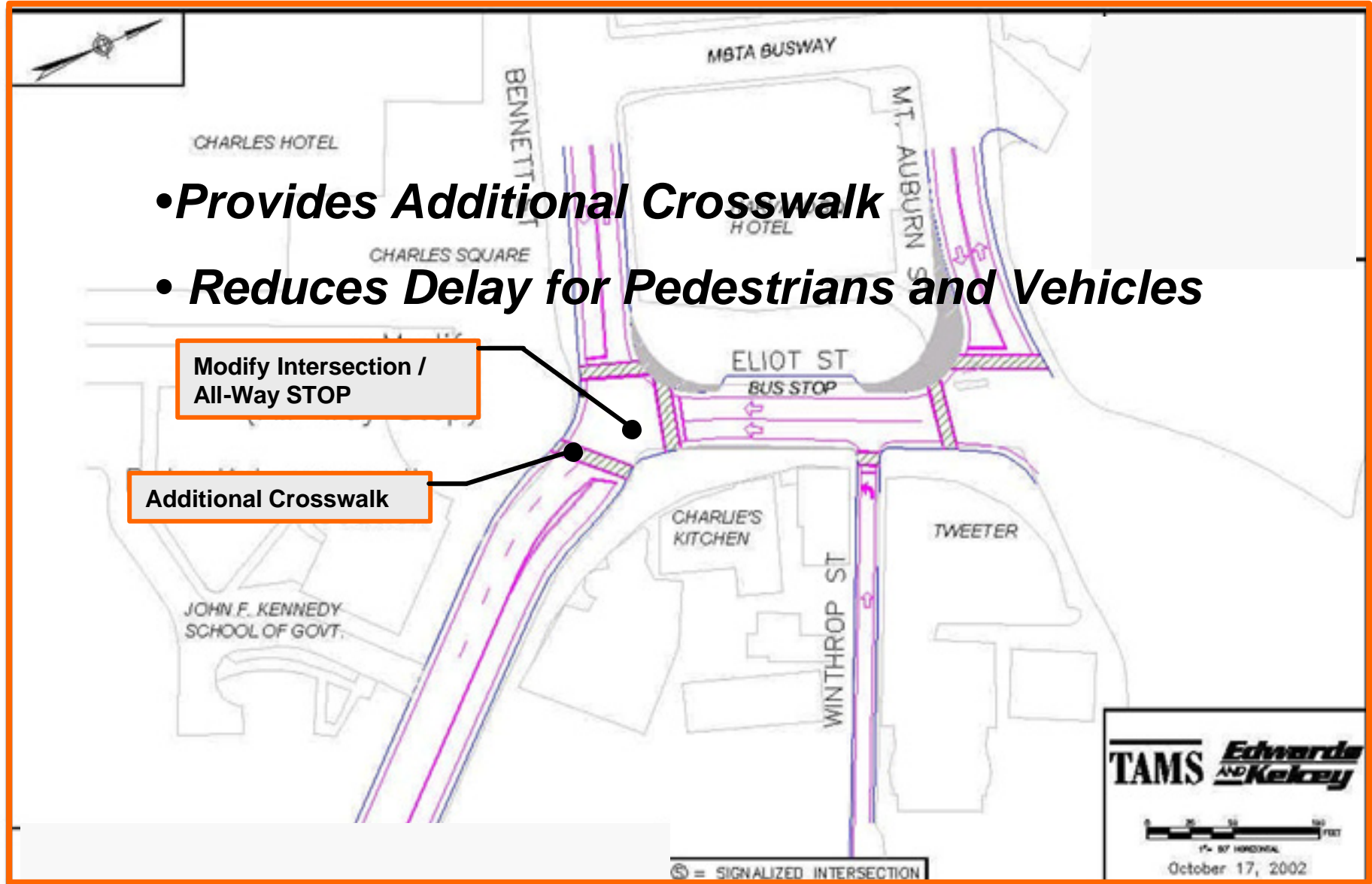
# BASIC IMPROVEMENTS

## ELIOT / BENNETT INTERSECTION

- ***Provides Additional Crosswalk***
- ***Reduces Delay for Pedestrians and Vehicles***

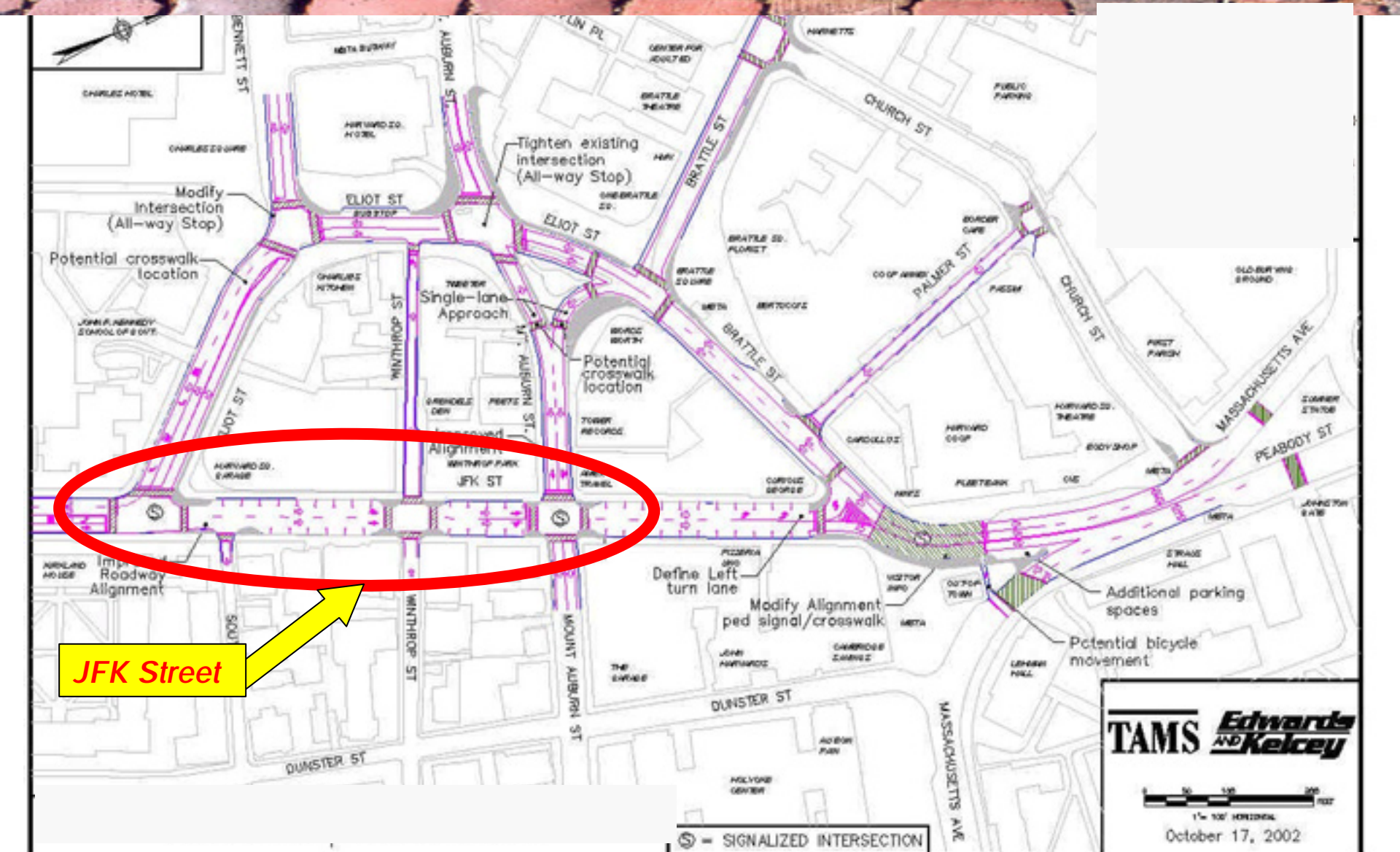
Modify Intersection /  
All-Way STOP

Additional Crosswalk





# BASIC IMPROVEMENTS



# BASIC IMPROVEMENTS

## JFK STREET

- *Shortens Pedestrian Crossings*
- *Shortens Pedestrian Wait Times at Signals*
- *Clarifies Alignment at Intersections*

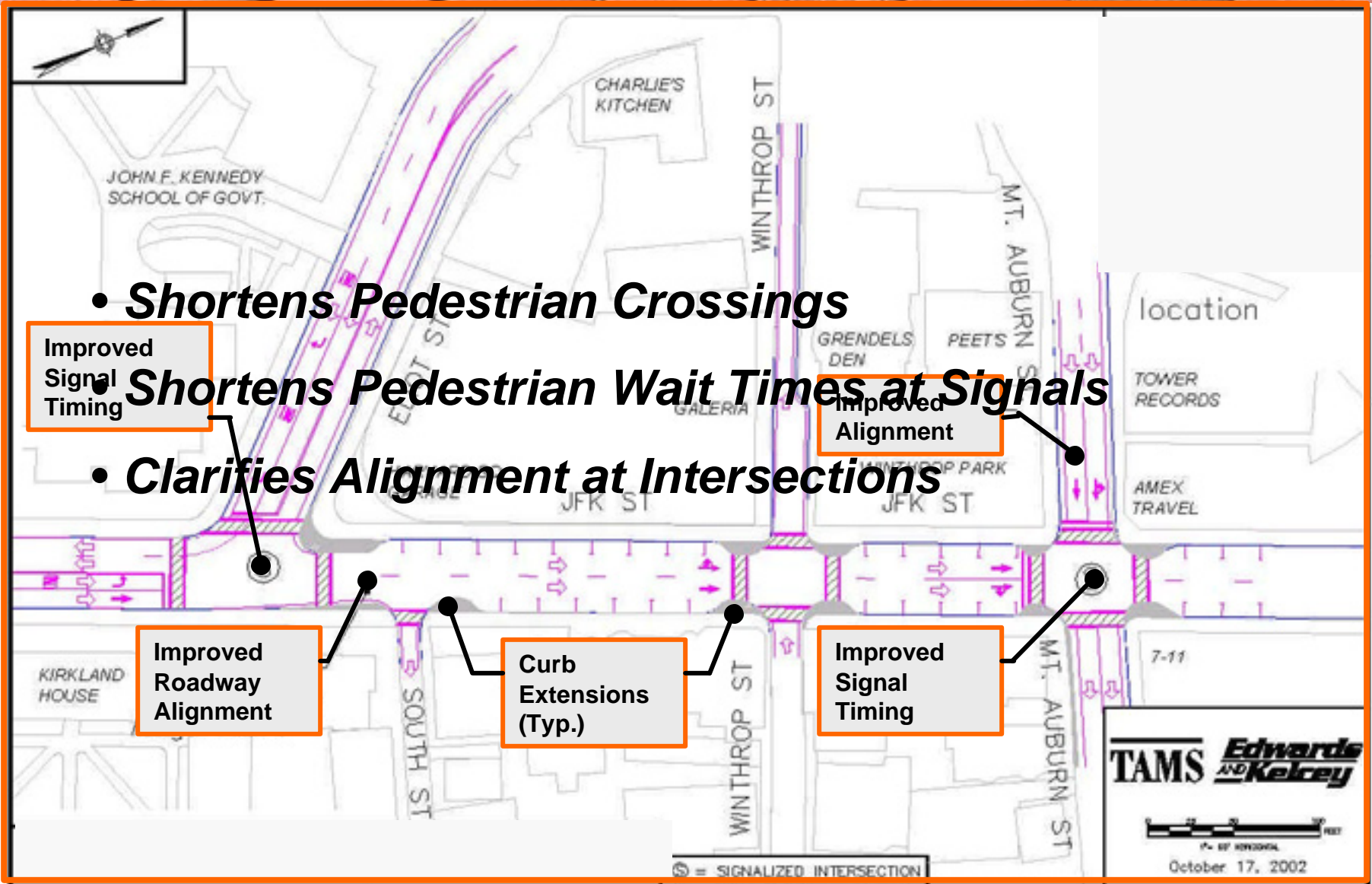
Improved  
Signal  
Timing

Improved  
Alignment

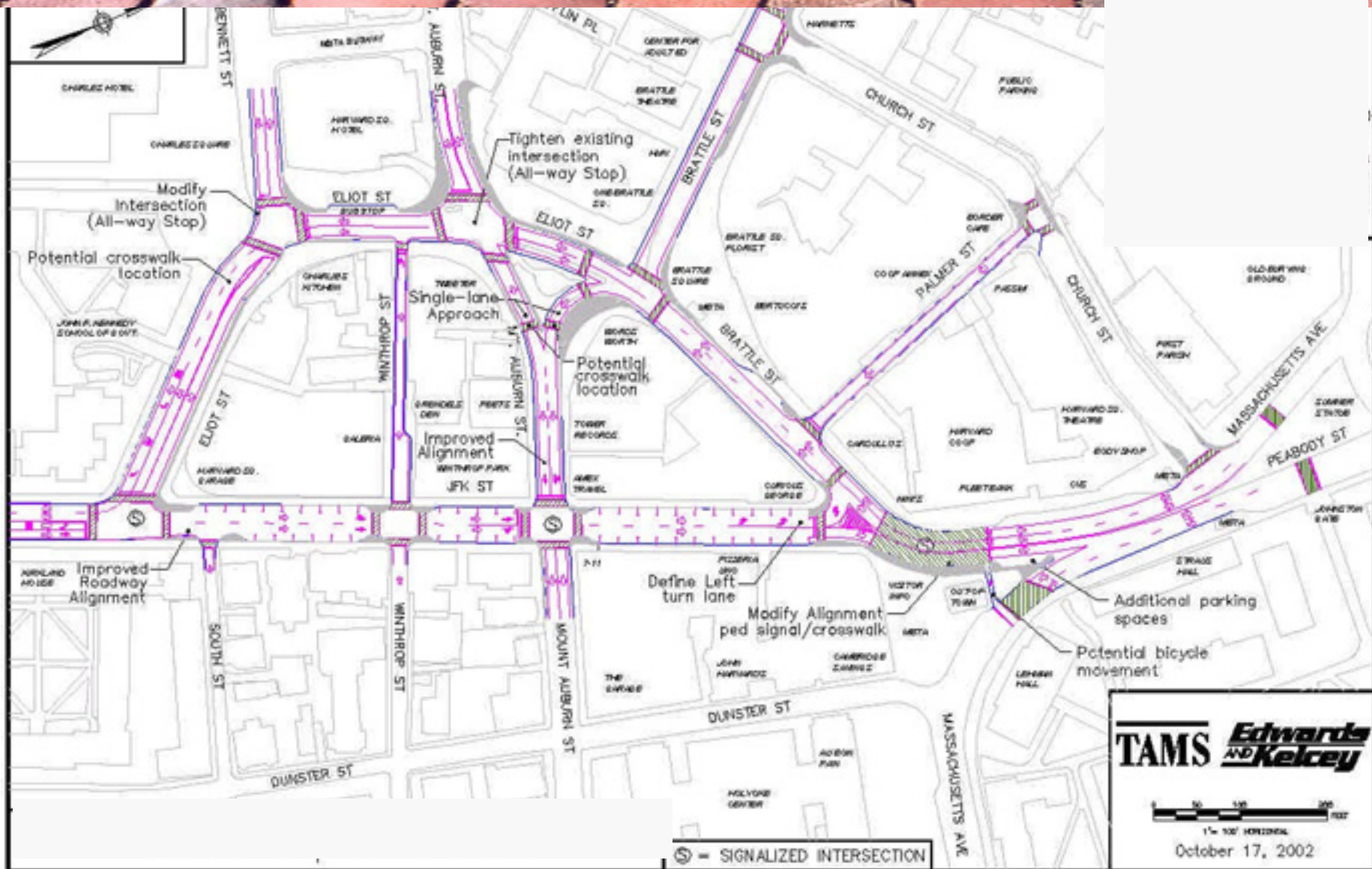
Improved  
Roadway  
Alignment

Curb  
Extensions  
(Typ.)

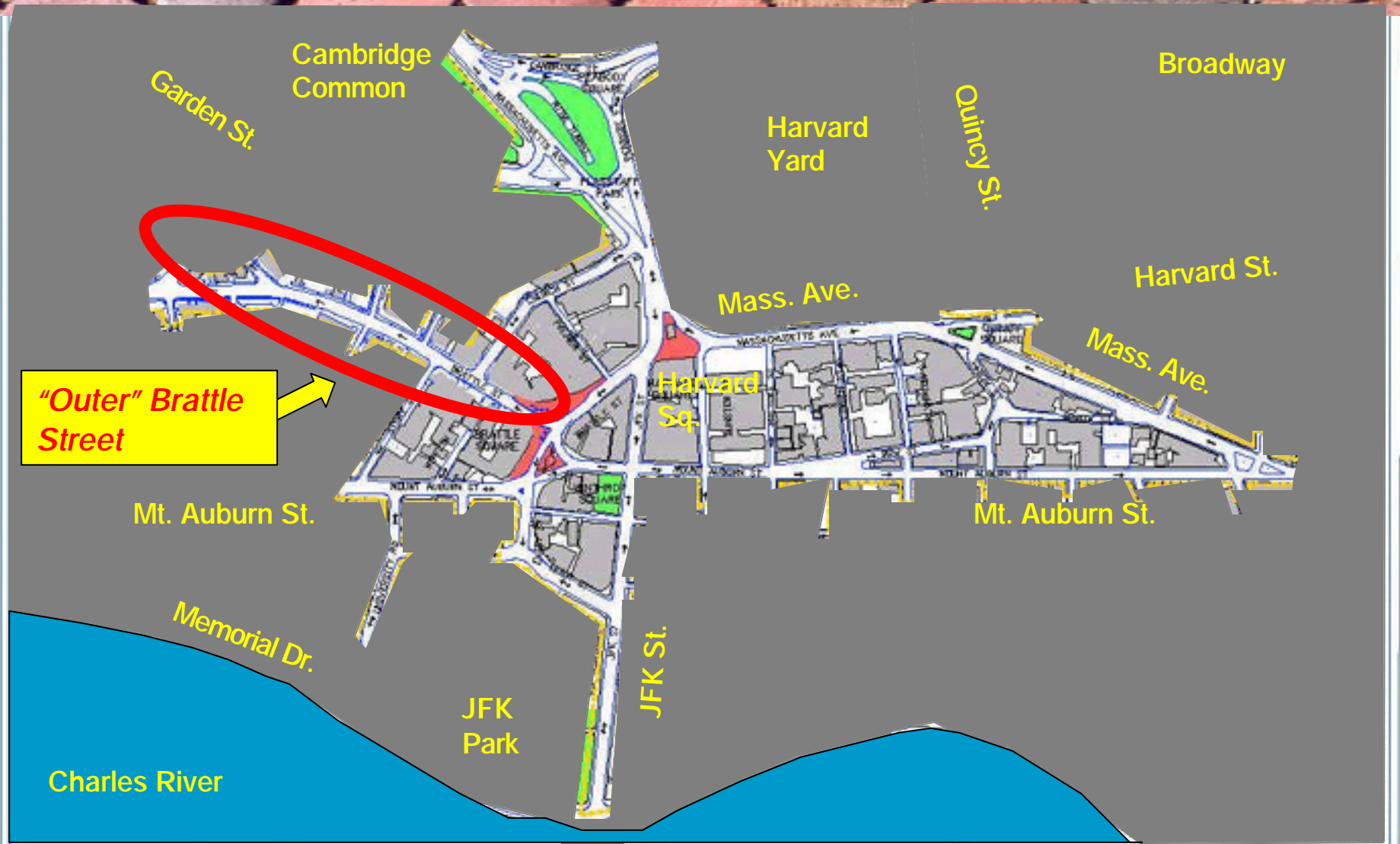
Improved  
Signal  
Timing



# BASIC IMPROVEMENTS



# "OUTER" BRATTLE STREET





# **“OUTER” BRATTLE STREET**

## **EXISTING TRAFFIC FLOW**



- ***Circuitous Route for Eastbound Vehicles & Cyclists***
- ***Uninviting Gateway to the Square***

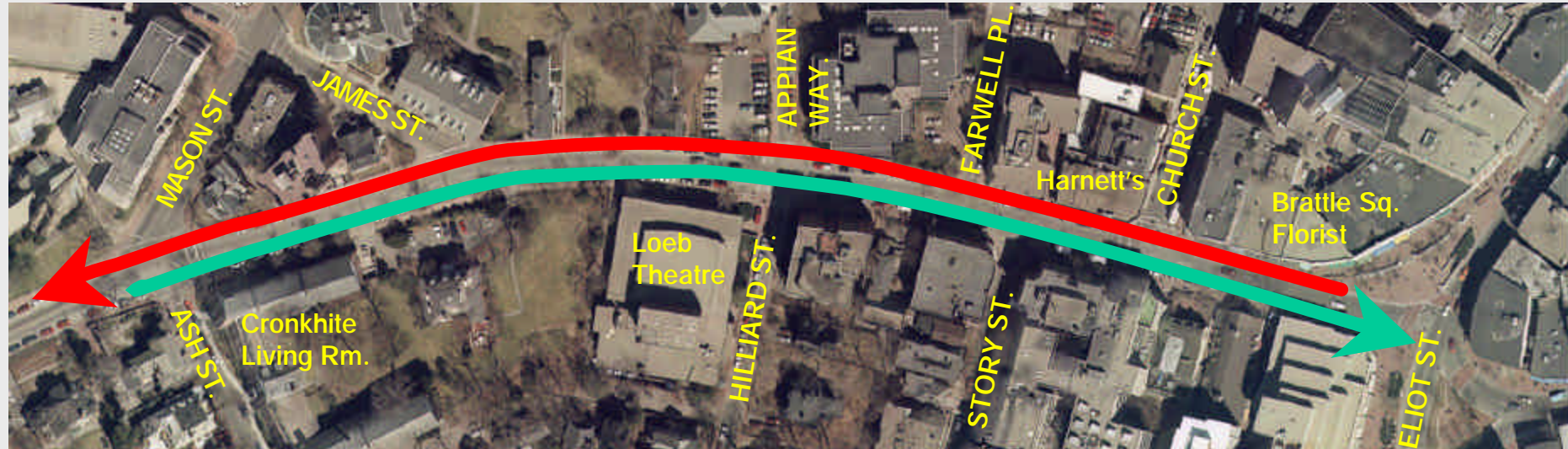
# CONTRA-FLOW BIKE LANE





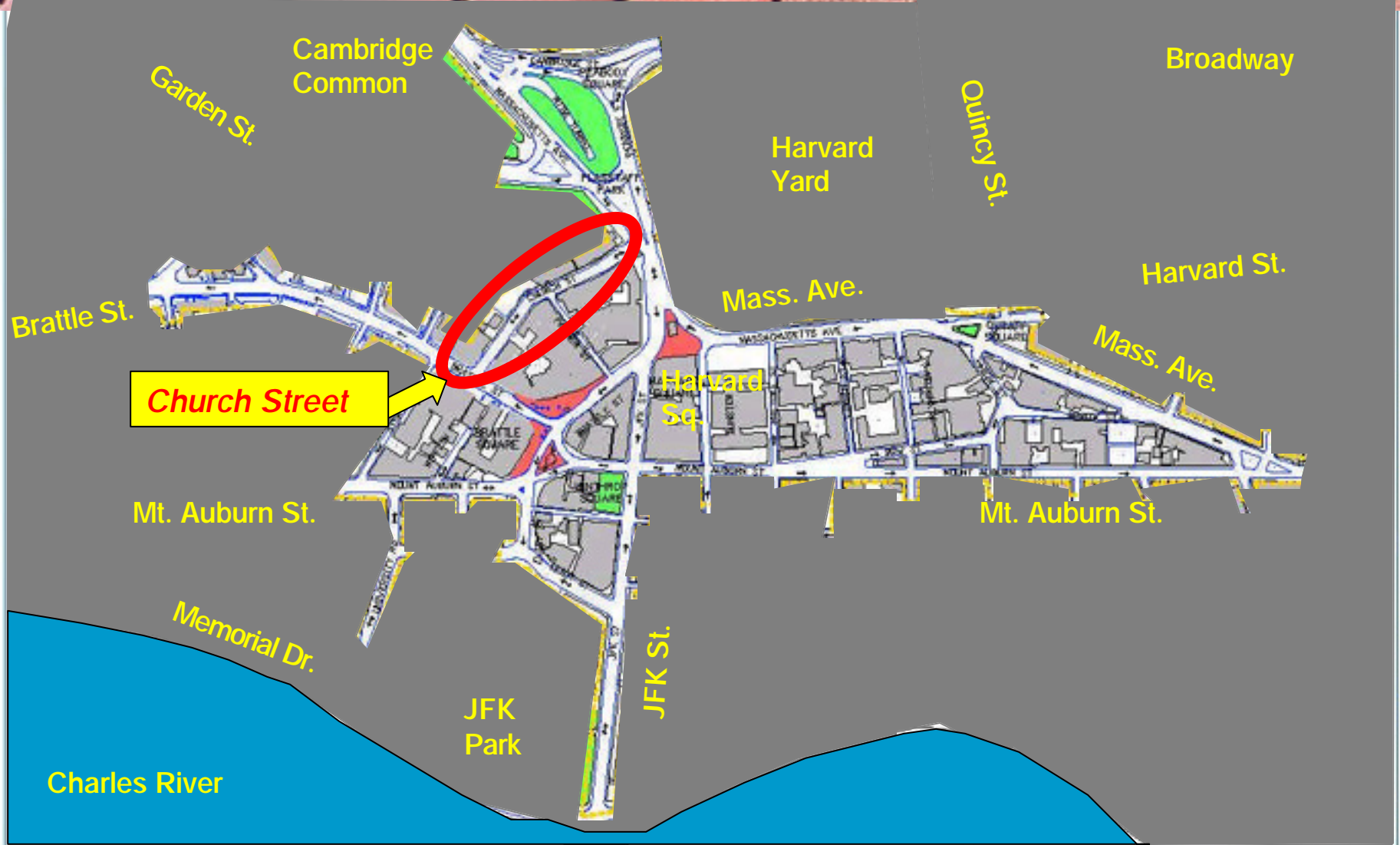
# **“OUTER” BRATTLE STREET**

## **2-WAY TRAFFIC FLOW**



- ***Conventional 2-Way Street with Parking on Both Sides***
- ***Functions Well with “STOP” Sign at Eliot Street End***
- ***Variations Possible (Ex. 2-Way to Church Street Only)***

# CHURCH STREET



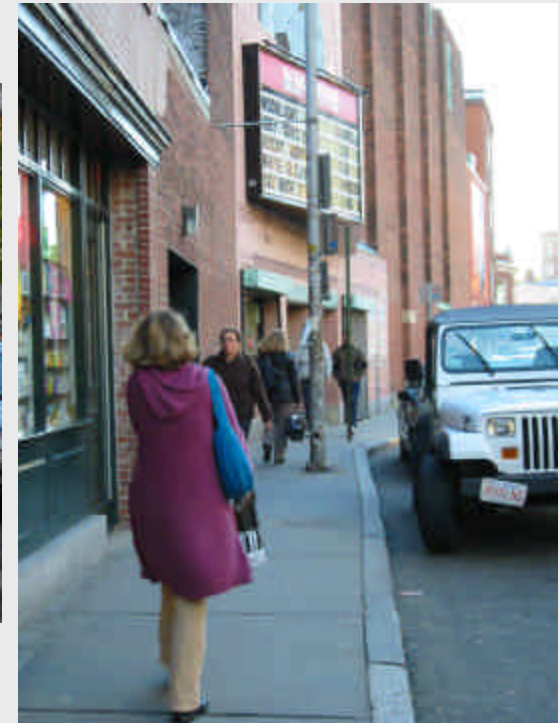
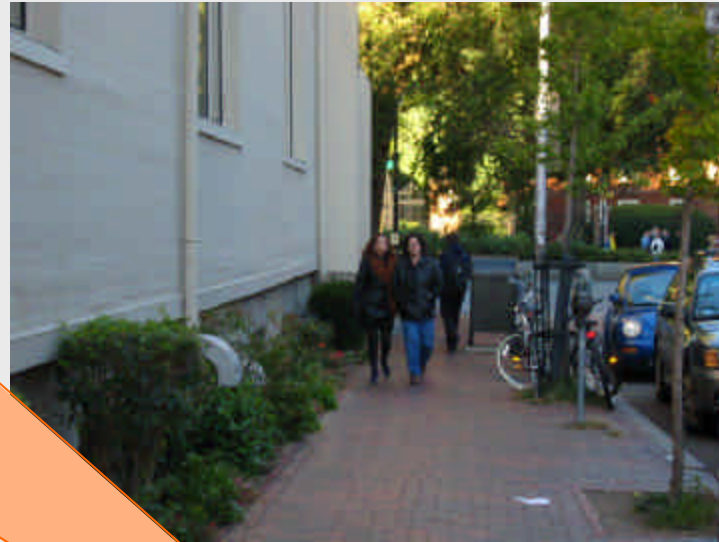
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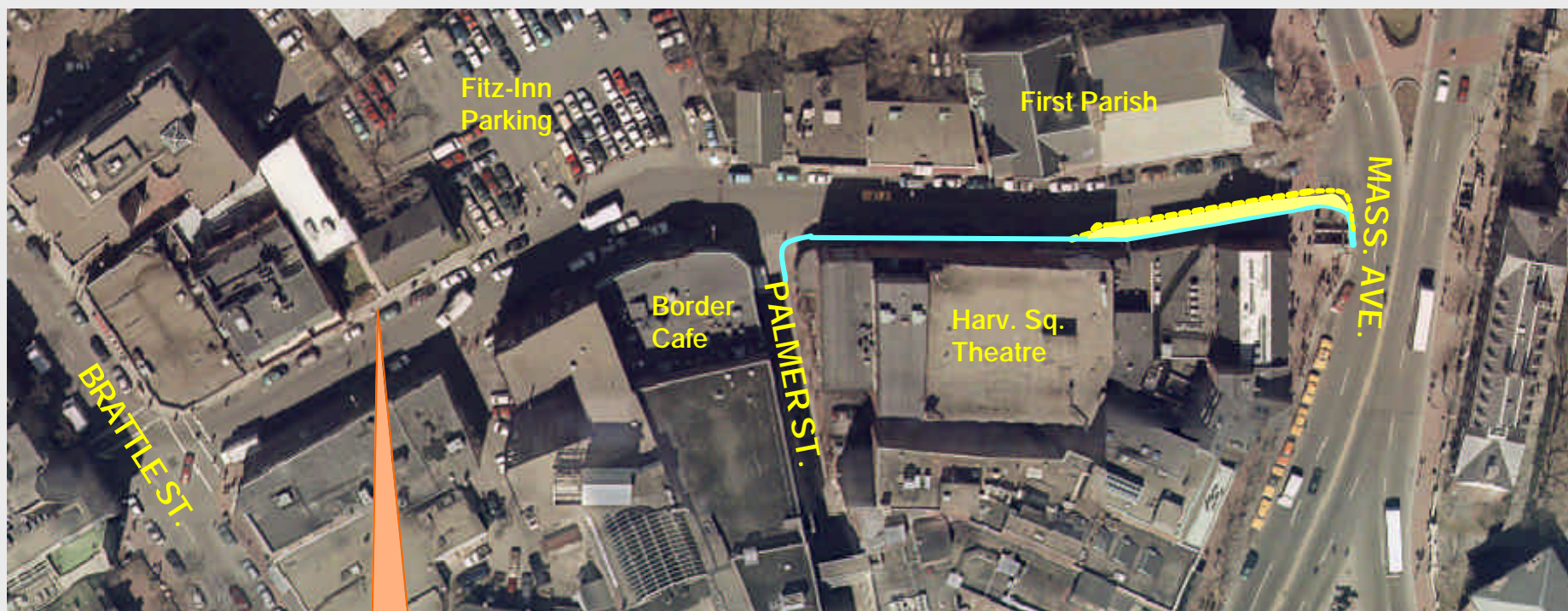
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June 26, 2002

# CHURCH STREET



**TAMS** *Edwards  
AND Kelcey*

# CHURCH STREET



Tree Grates

- *One-Way Street*

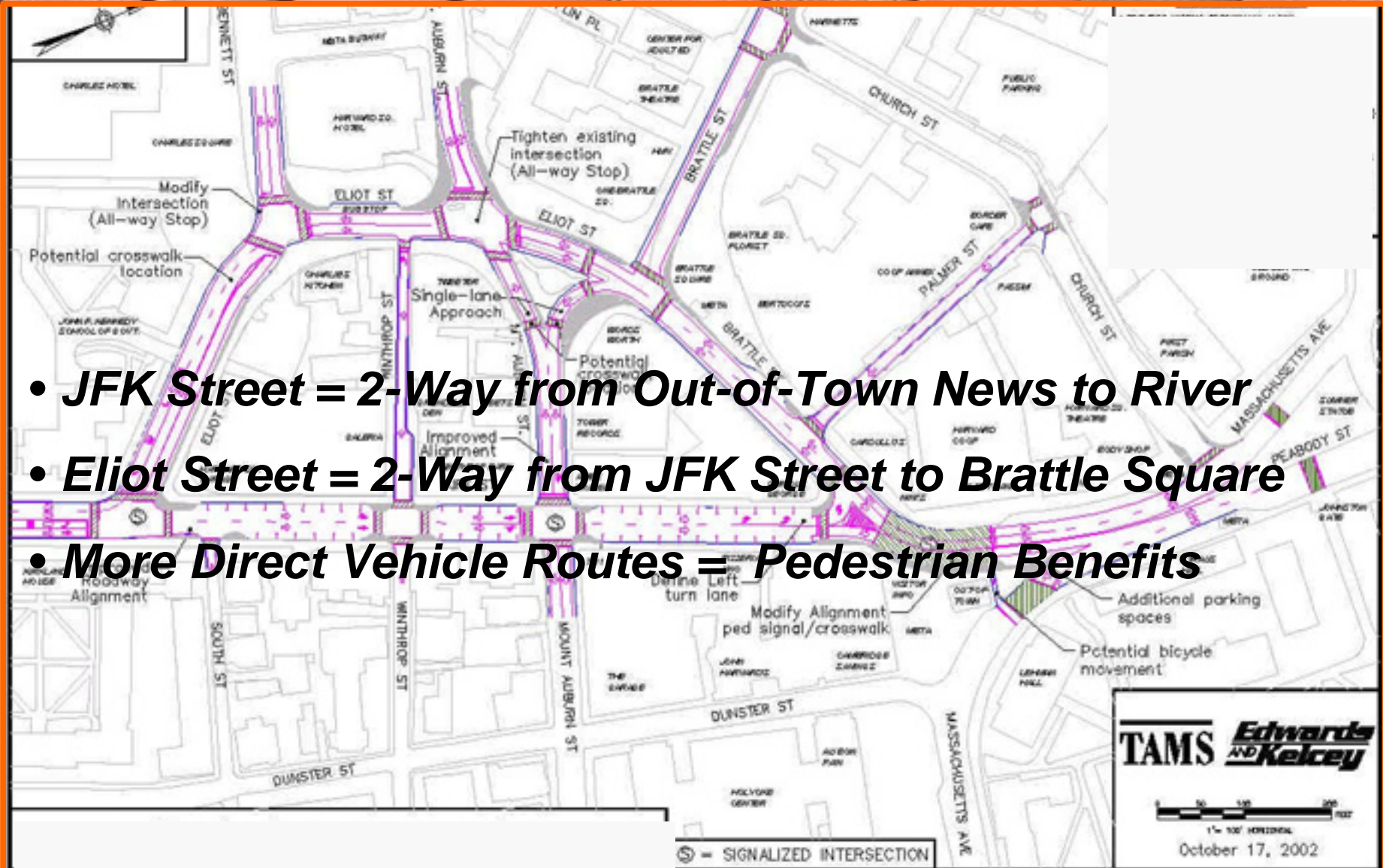
- *Spot Improvements*

# 2-WAY JFK / 2-WAY ELIOT



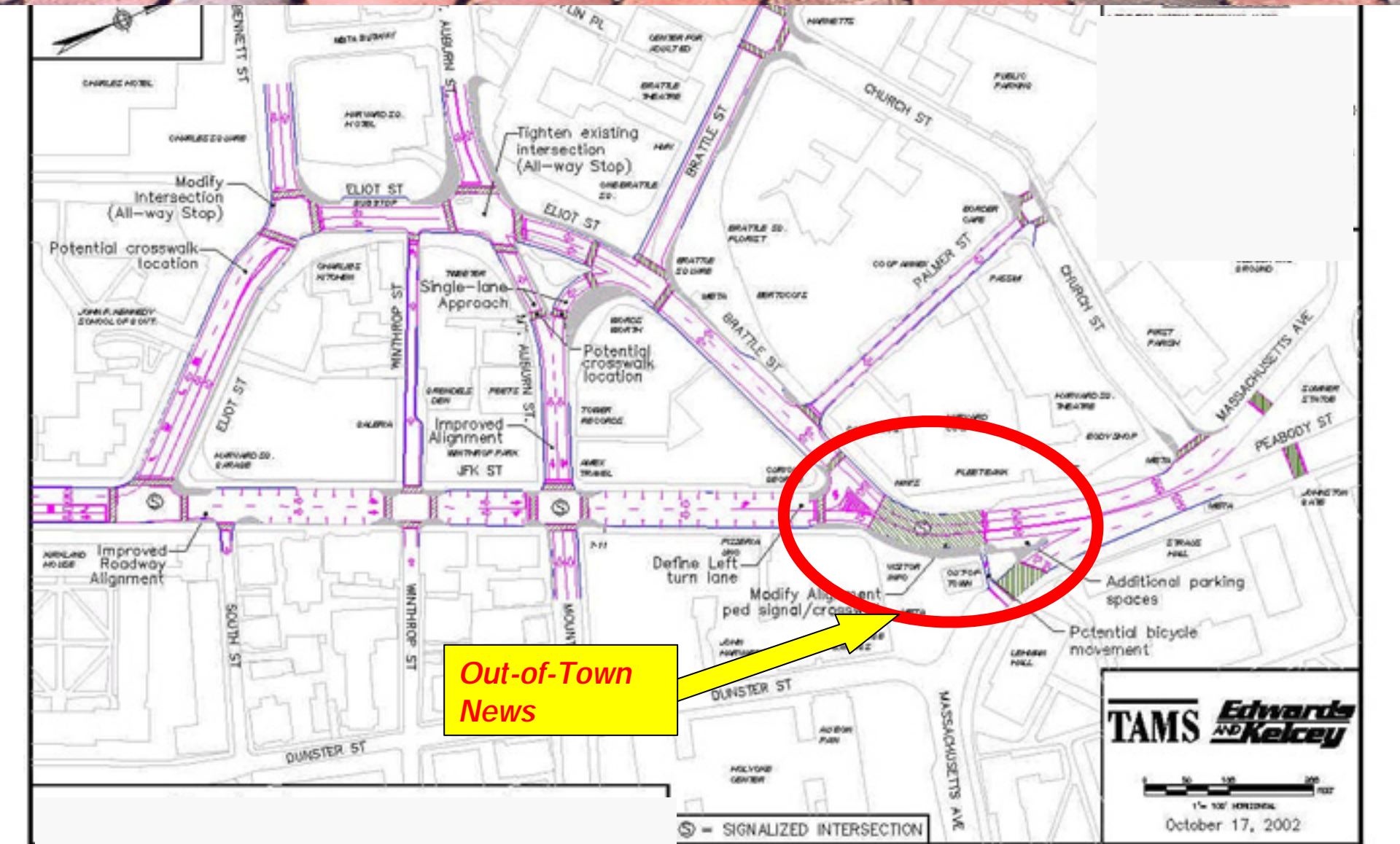
## 2-WAY JFK / 2-WAY ELIOT

- ***JFK Street = 2-Way from Out-of-Town News to River***
- ***Eliot Street = 2-Way from JFK Street to Brattle Square***
- ***More Direct Vehicle Routes = Pedestrian Benefits***

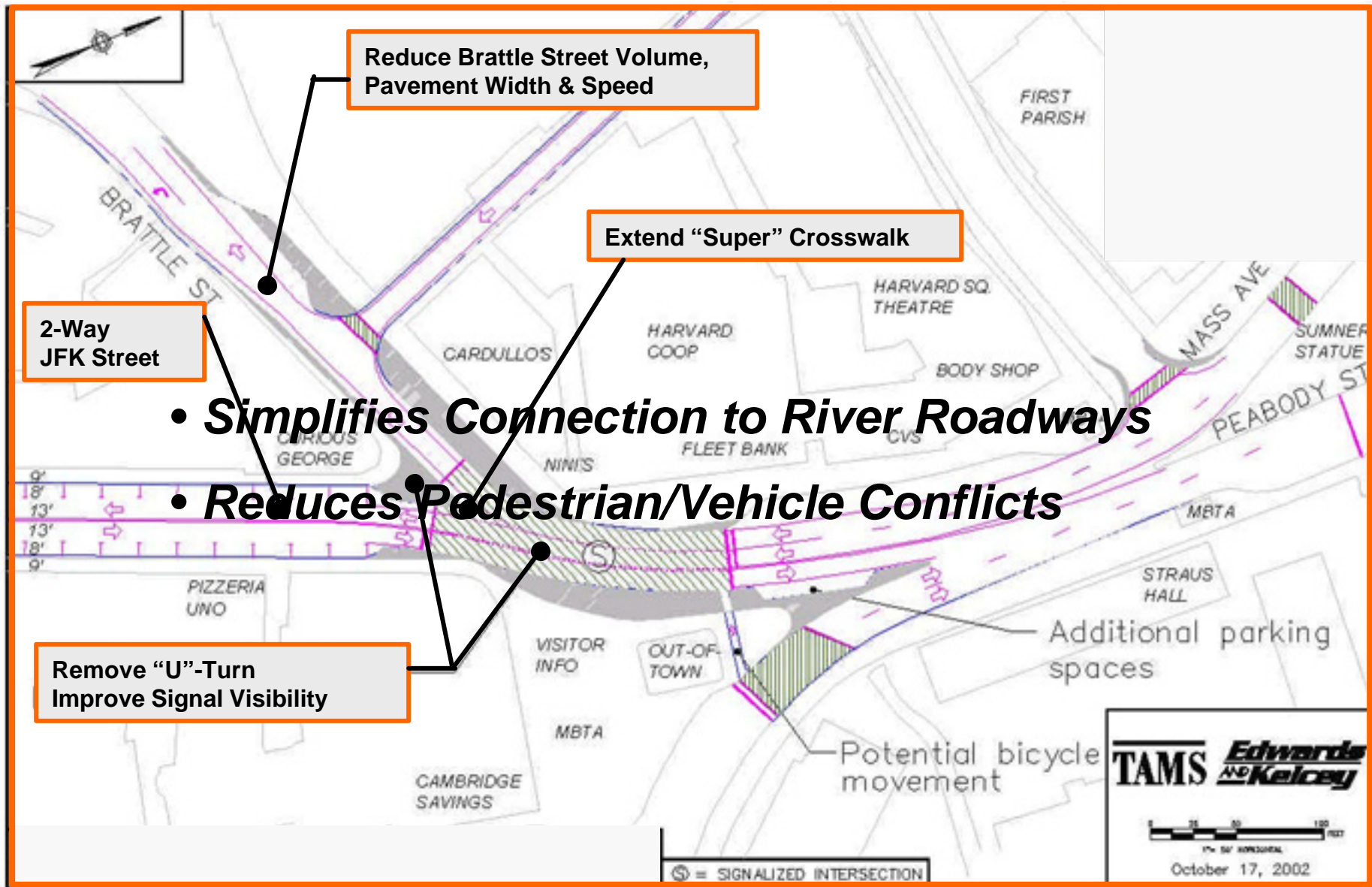




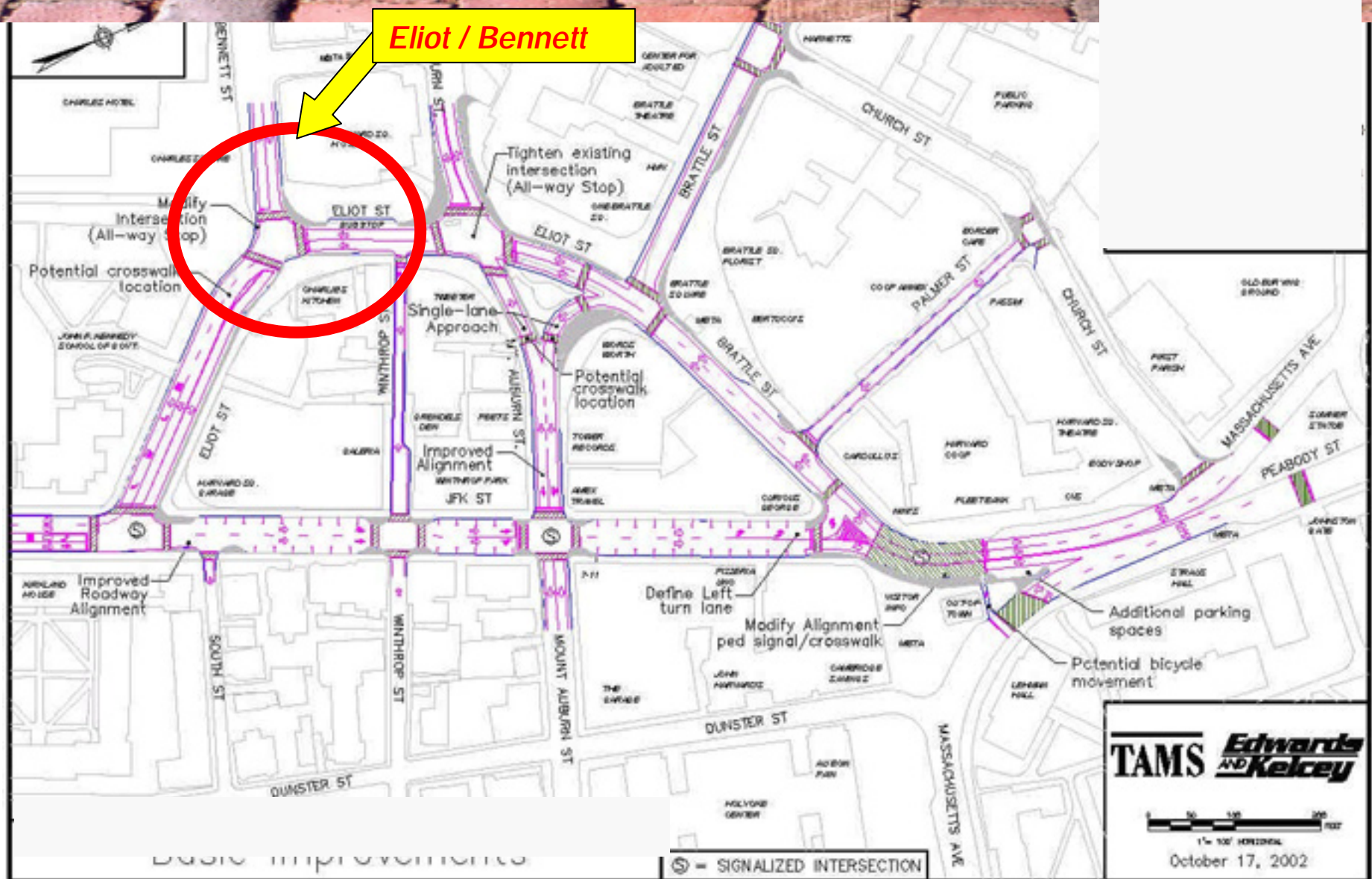
**2-WAY JFK / 2-WAY ELIOT**



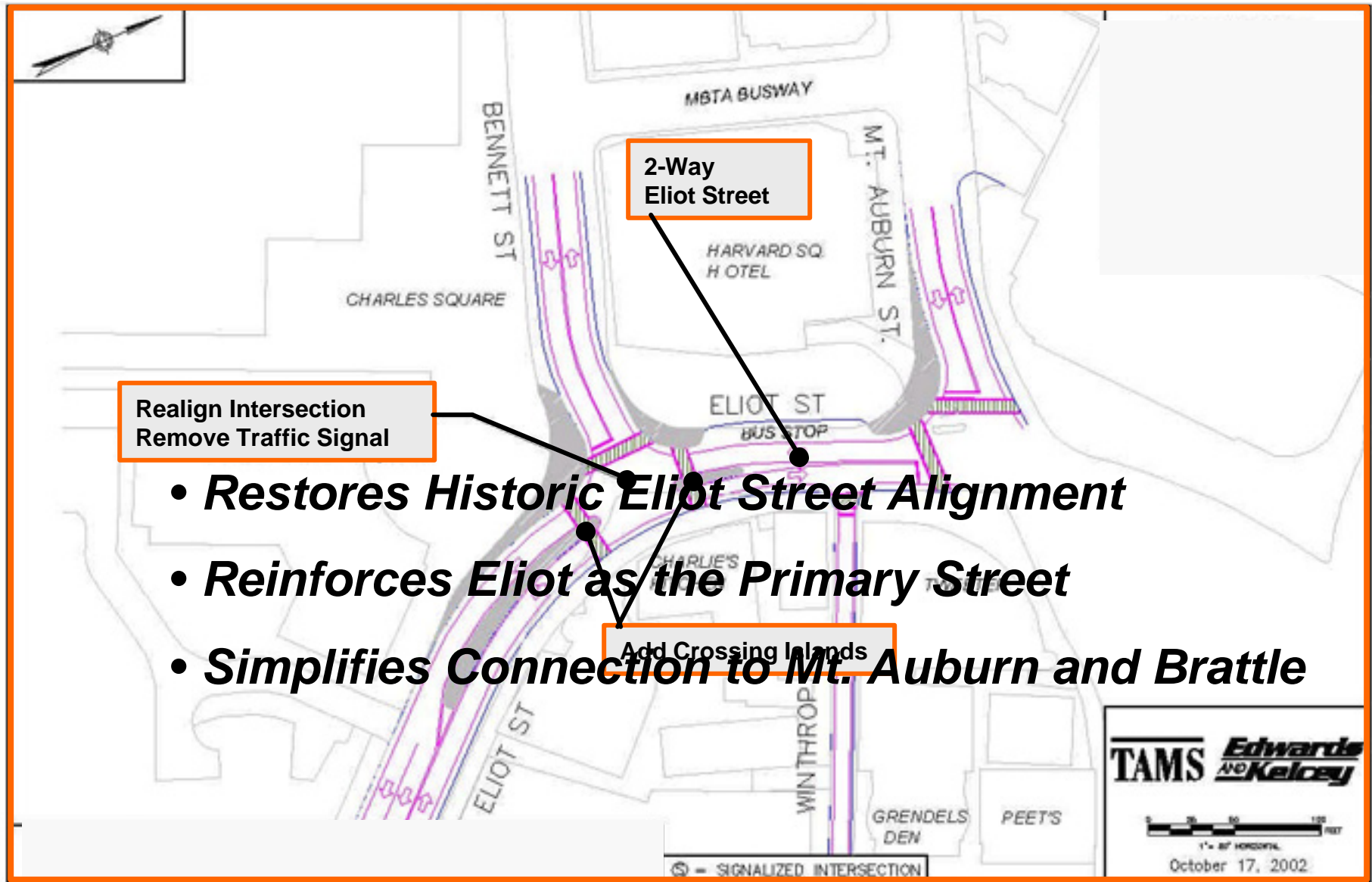
# 2-WAY JFK / 2-WAY ELIOT OUT-OF-TOWN NEWS



# 2-WAY JFK / 2-WAY ELIOT

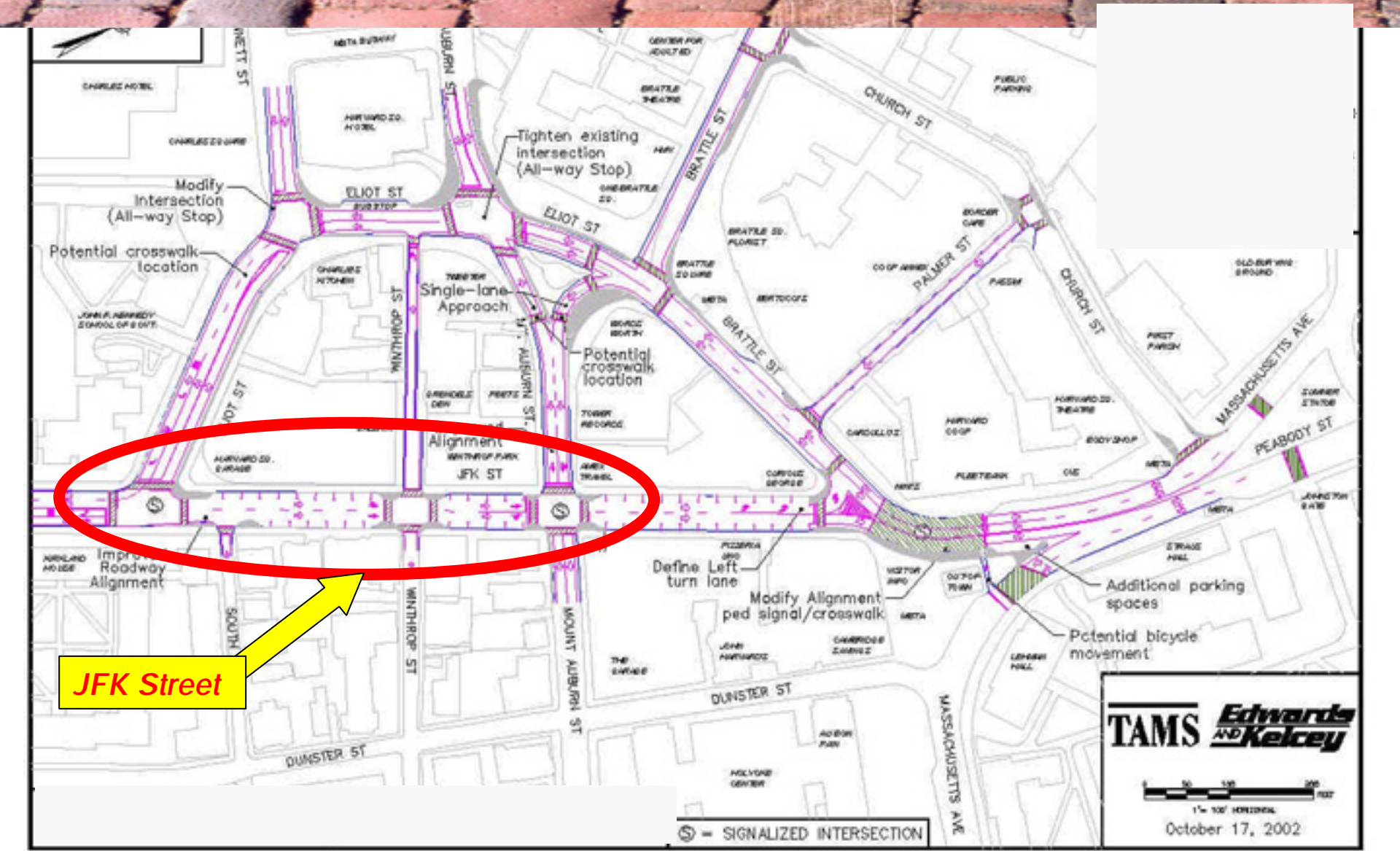


# 2-WAY JFK / 2-WAY ELIOT ELIOT / BENNETT INTERSECTION



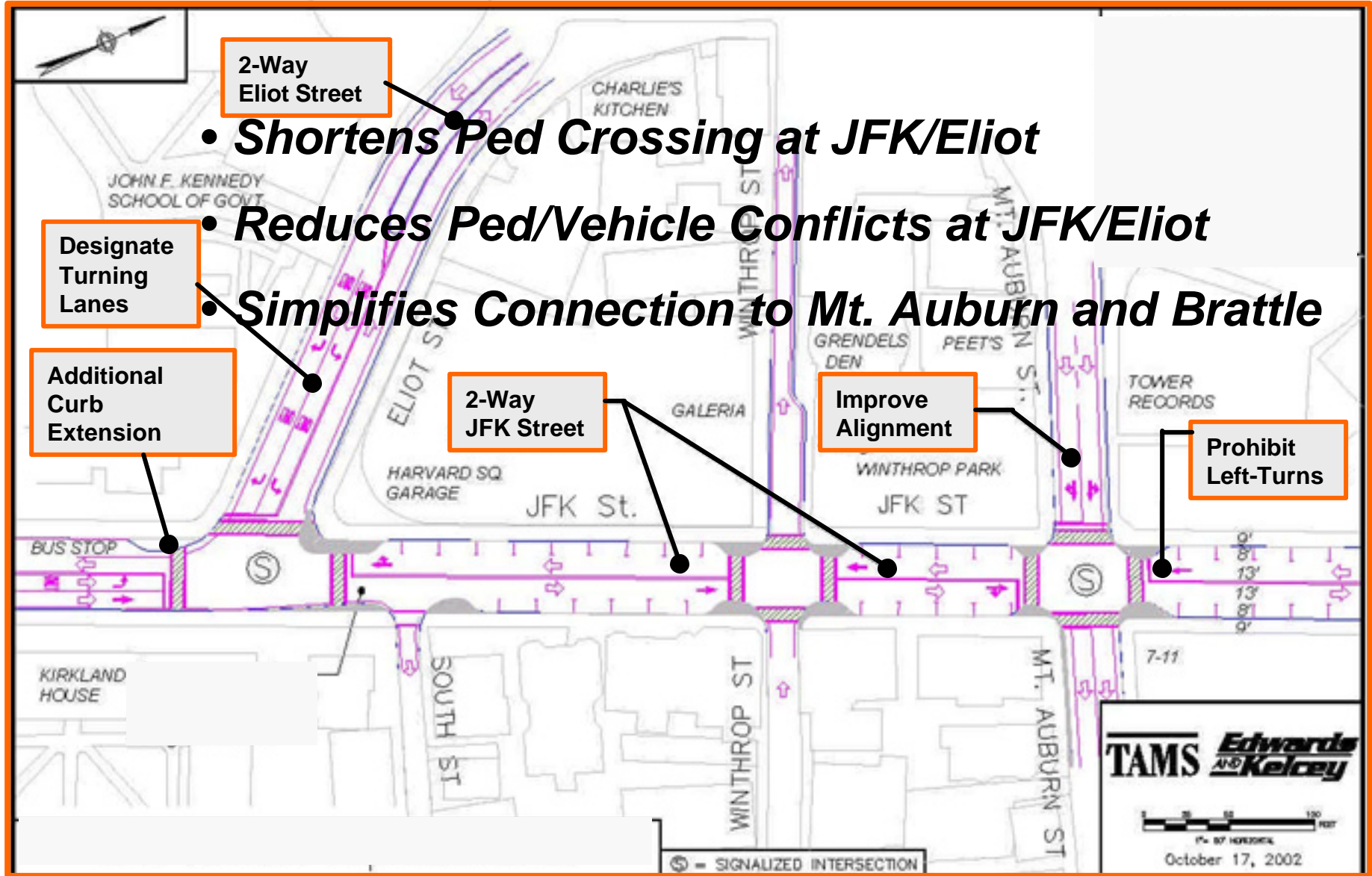


**2-WAY JFK / 2-WAY ELIOT**



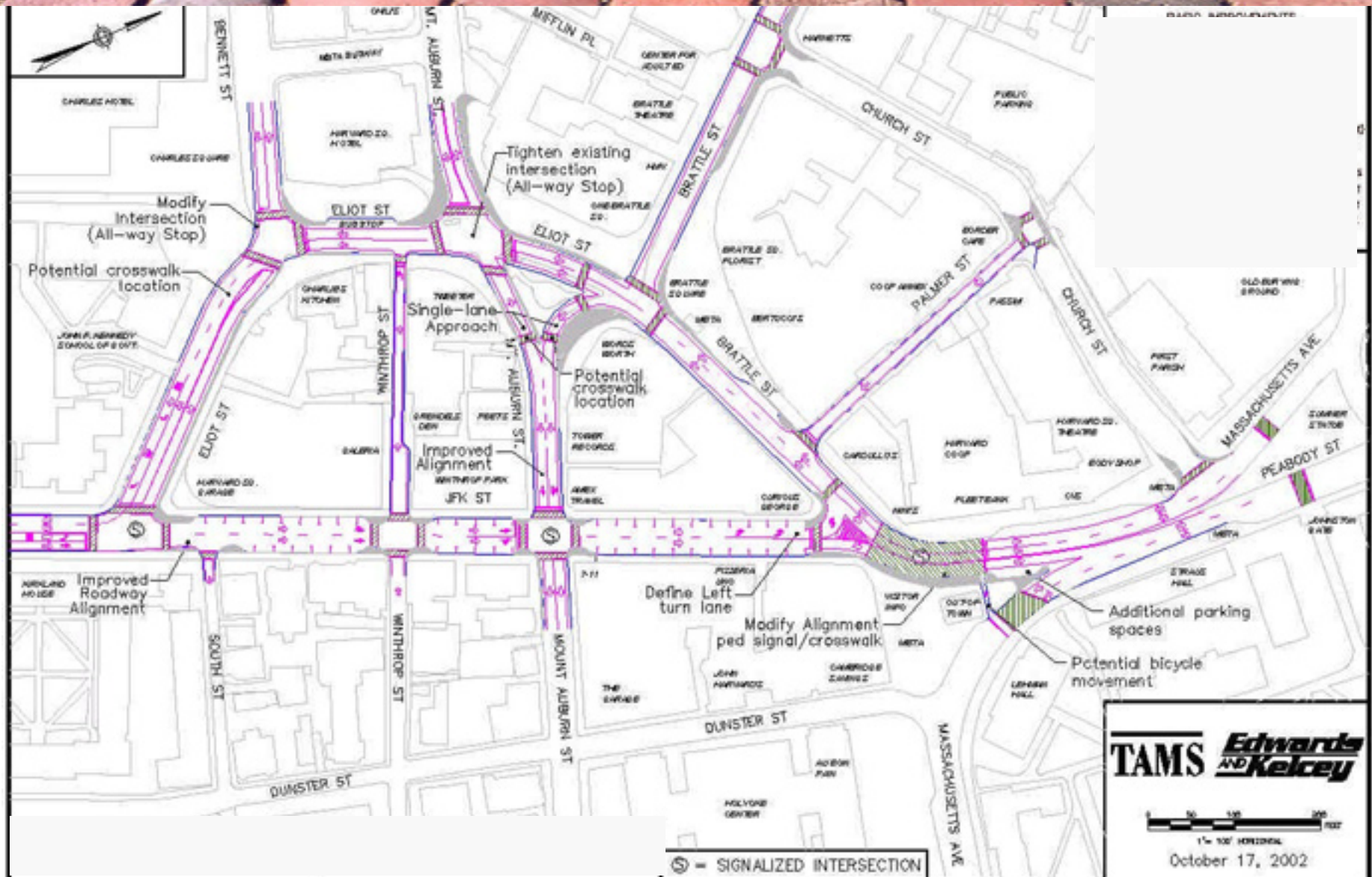
# 2-WAY JFK / 2-WAY ELIOT

## JFK STREET IMPROVEMENTS





**2-WAY JFK / 2-WAY ELIOT**



# SMALL GROUP DISCUSSIONS

